

**FREEZING AND THAWING BIOPHARMACEUTICALS WITHIN A VESSEL HAVING A
REMOVABLE STRUCTURE WITH A CENTRALLY POSITIONED PIPE**

Abstract of the Disclosure

The present invention relates to a biopharmaceutical preservation system for cooling, thawing and freezing a medium. The biopharmaceutical preservation system includes a vessel and a structure removably mounted within the vessel. The structure includes an elongated pipe centrally positioned within the vessel and having one or more heat transfer members.